

TRANSMIT-RECEIVE FM-CW RADAR APPARATUS

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ABSTRACT OF THE DISCLOSURE

Disclosed is a transmit-receive FM-CW radar  
apparatus which switches between transmission and  
10 reception by time division control, wherein amplifiers  
capable of controlling gain are provided in a transmitter  
signal path and a receiver signal path, respectively, and  
wherein the gain in the leading edge portion of a receive  
timing interval or the gain in the trailing edge portion  
15 of a transmit timing interval is suppressed by  
controlling the gain of the amplifier provided in the  
receiver signal path or the gain of the amplifier  
provided in the transmitter signal path, respectively.